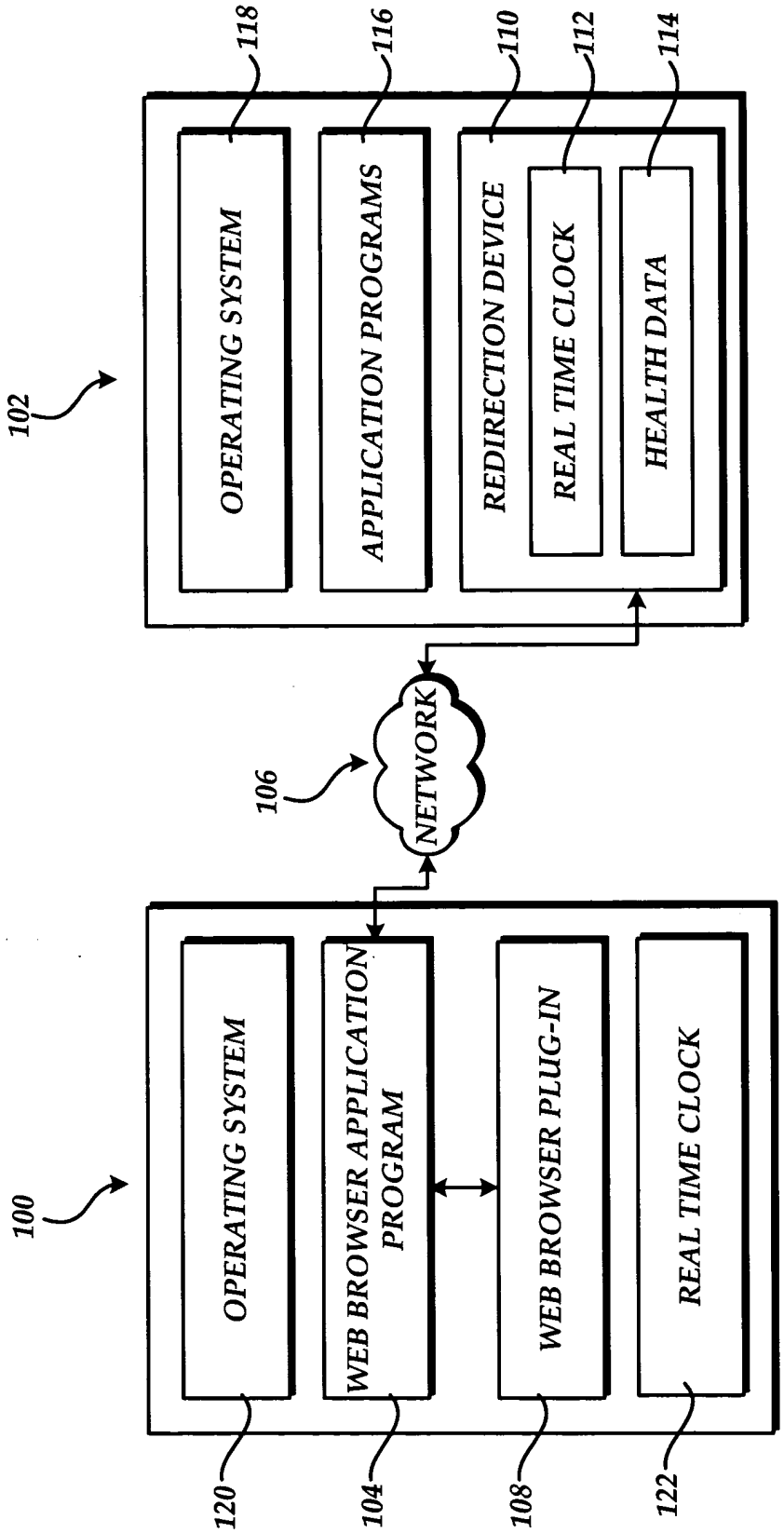

118
116
110
112
114
OPERATING SYSTEM
APPLICATION PROGRAMS
REDIRECTION DEVICE
REAL TIME CLOCK
HEALTH DATA
102
NETWORK
106
OPERATING SYSTEM
WEB BROWSER APPLICATION PROGRAM
WEB BROWSER PLUG-IN
REAL TIME CLOCK
100
120
104
108
122

Fig.1.

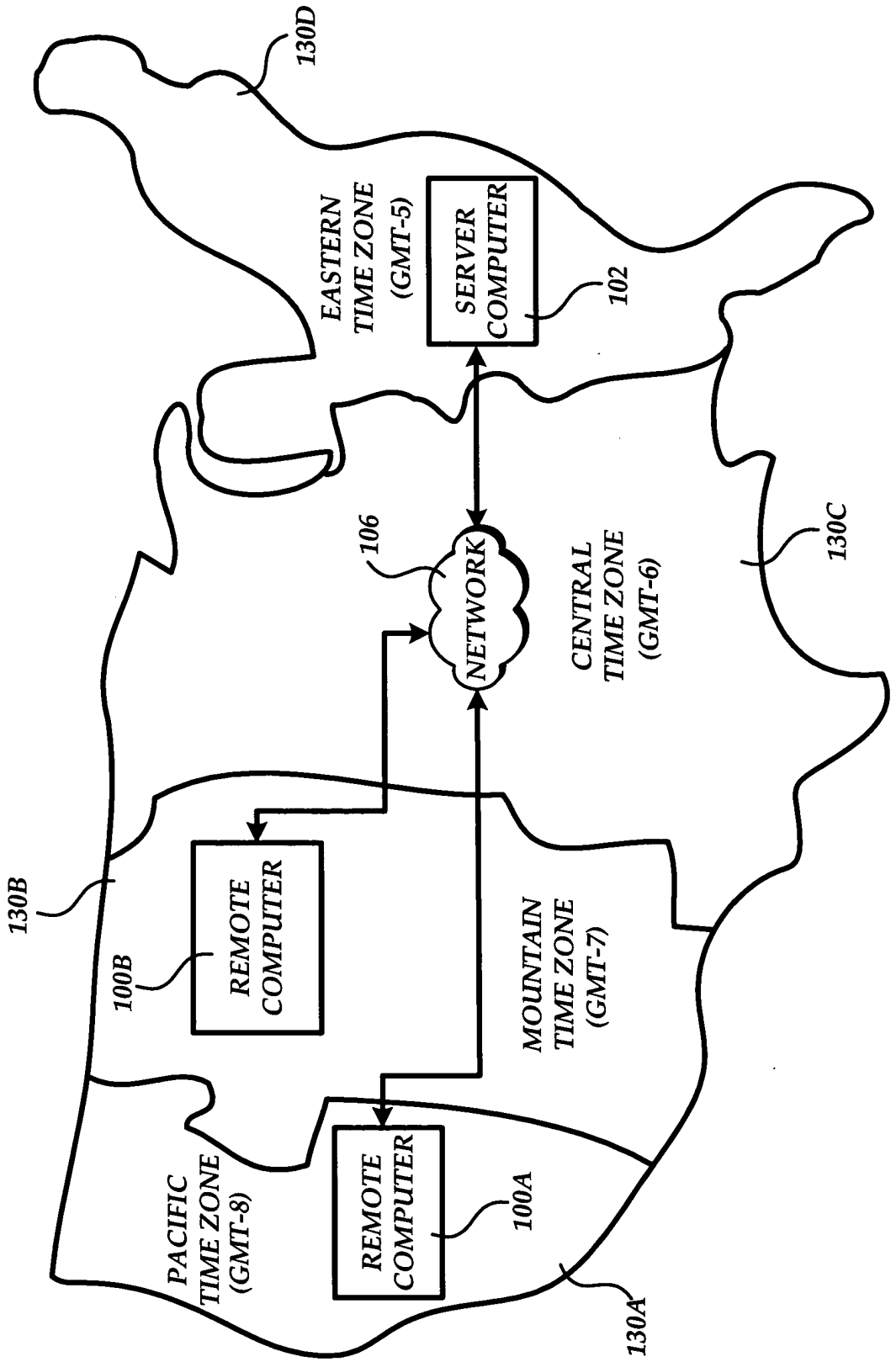

130D
EASTERN TIME ZONE (GMT-5)
SERVER COMPUTER
102
106
NETWORK
CENTRAL TIME ZONE (GMT-6)
130C
130B
100B
REMOTE COMPUTER
MOUNTAIN TIME ZONE (GMT-7)
PACIFIC TIME ZONE (GMT-8)
REMOTE COMPUTER
100A
130A

Fig.2.

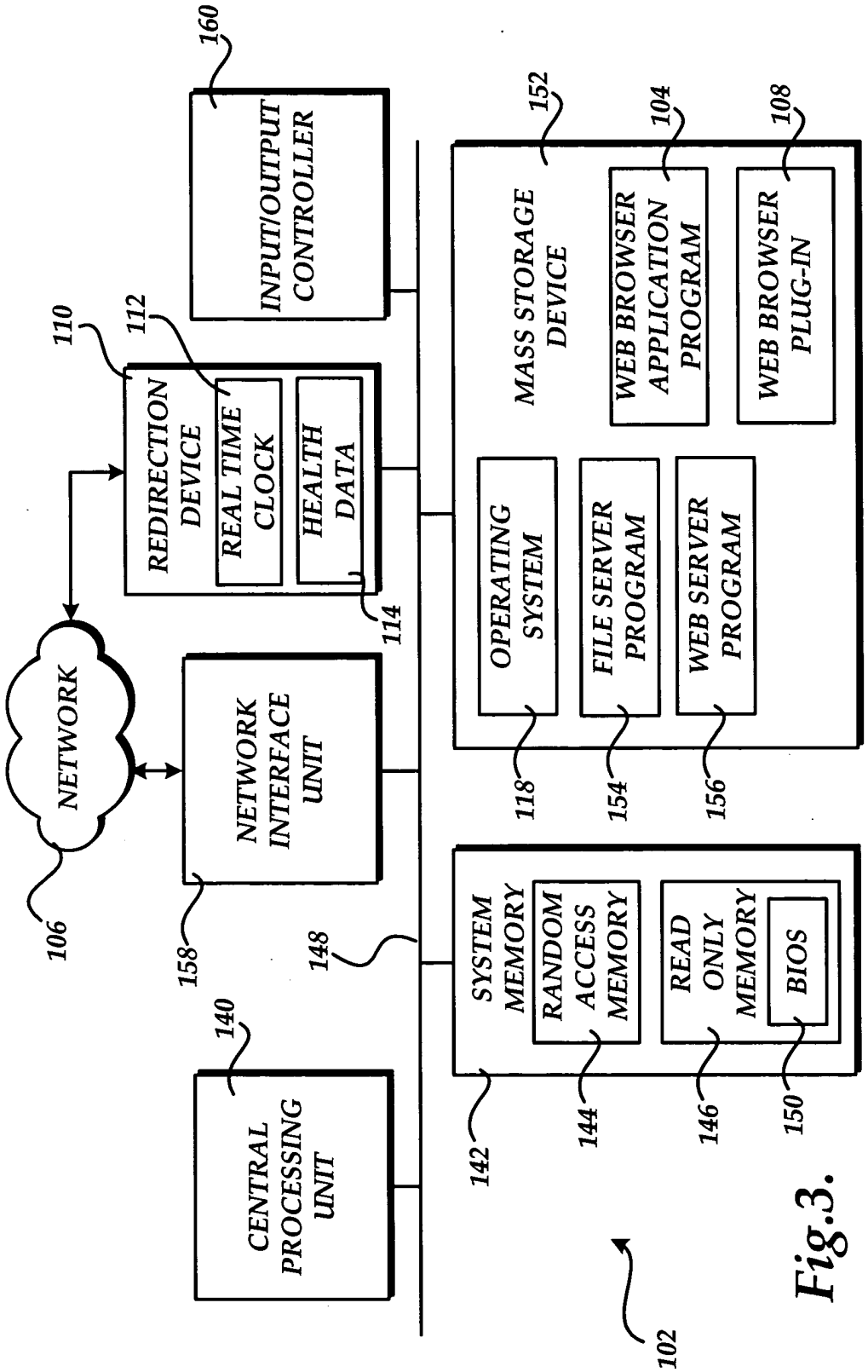
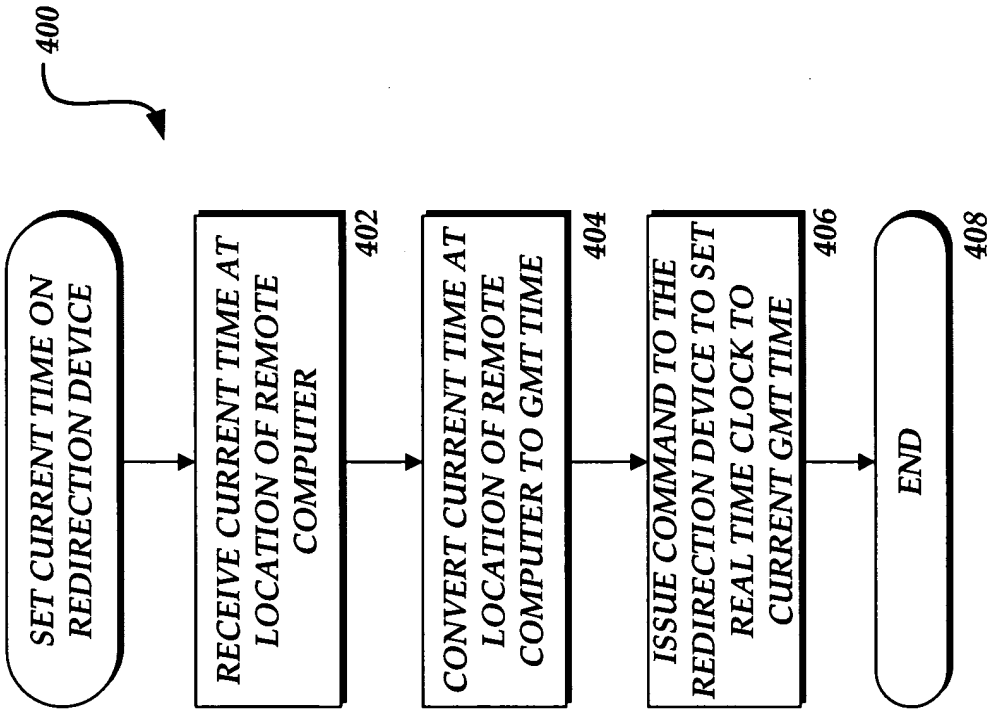
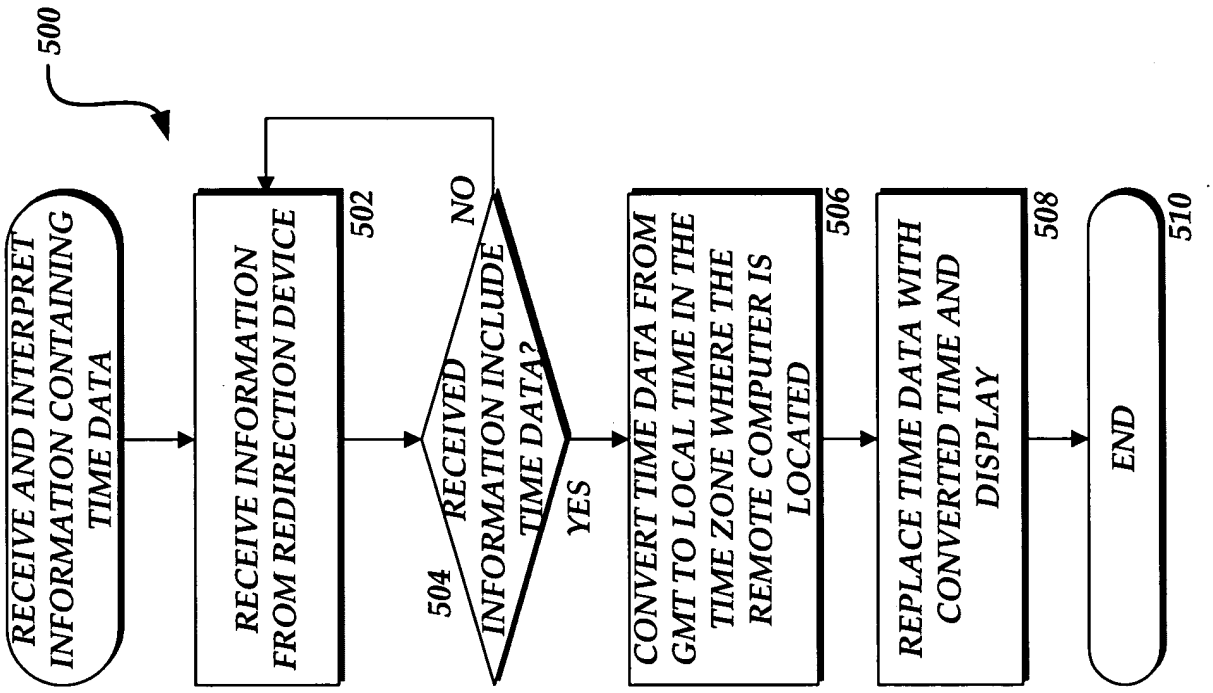

160
INPUT/OUTPUT CONTROLLER
152
MASS STORAGE DEVICE
104
WEB BROWSER APPLICATION PROGRAM
108
WEB BROWSER PLUG-IN
110
112
REDIRECTION DEVICE
REAL TIME CLOCK
HEALTH DATA
114
OPERATING SYSTEM
FILE SERVER PROGRAM
WEB SERVER PROGRAM
118
154
156
NETWORK
106
NETWORK INTERFACE UNIT
158
148
SYSTEM MEMORY
RANDOM ACCESS MEMORY
READ ONLY MEMORY
BIOS
142
144
146
150
140
CENTRAL PROCESSING UNIT
102

Fig.3.


400
SET CURRENT TIME ON REDIRECTION DEVICE
RECEIVE CURRENT TIME AT LOCATION OF REMOTE COMPUTER
402
CONVERT CURRENT TIME AT LOCATION OF REMOTE COMPUTER TO GMT TIME
404
ISSUE COMMAND TO THE REDIRECTION DEVICE TO SET REAL TIME CLOCK TO CURRENT GMT TIME
406
END
408


500
RECEIVE AND INTERPRET INFORMATION CONTAINING TIME DATA
RECEIVE INFORMATION FROM REDIRECTION DEVICE
502
504
RECEIVED INFORMATION INCLUDE TIME DATA?
NO
YES
CONVERT TIME DATA FROM GMT TO LOCAL TIME IN THE TIME ZONE WHERE THE REMOTE COMPUTER IS LOCATED
506
REPLACE TIME DATA WITH CONVERTED TIME AND DISPLAY
508
END
510